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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/660,004	09/11/2003	Dana Pavel	042933/267066	5937
826	7590	11/22/2004	EXAMINER	
ALSTON & BIRD LLP BANK OF AMERICA PLAZA 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000			CHERRY, STEPHEN J	
			ART UNIT	PAPER NUMBER
			2863	

DATE MAILED: 11/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/660,004	Applicant(s) PAVEL ET AL.	
	Examiner Stephen J. Cherry	Art Unit 2863	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-16 and 18-24 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 6,035,203 to Hanson.

Claim 1 recites, as disclosed by Hanson:

1. A method of obtaining a terminal location comprising: defining at least one connection of the terminal ('203, col. 2, line 54); monitoring the terminal for establishment of a defined connection ('203, fig. 1, 3 monitored by 1-2); monitoring the terminal for termination of the defined connection after the defined connection is established such that termination of the defined connection triggers obtaining a location of the terminal ('203, col. 2, line 10).

Claim 2 recites, as disclosed by Hanson:

2. A method according to Claim 1, wherein defining at least one connection comprises defining at least one communication connection between the terminal and a predefined entity ('203, fig. 1, 3 connected to 1-2).

Claim 3 recites, as disclosed by Hanson:

3. A method according to Claim 1, wherein defining at least one connection comprises defining at least one logical connection each of which includes a context specifying termination of the respective logical connection, and wherein monitoring the terminal for termination of a defined connection comprises monitoring the terminal for the context specifying termination of the respective logical connection ('203, col. 1, line 55 – col. 2, line 35, termination or communication in a cell [context] causes recording or which cell [context] the terminal was active in).

Claim 4 recites, as disclosed by Hanson:

4. A method according to Claim 3, wherein the context specifying termination of the respective logical connection can be determined based upon information indicative of the context, and wherein monitoring the terminal for termination of the defined connection comprises monitoring for the information indicative of the context ('203, col. 1, line 55 – col. 2, line 35, active cell [indicative of context context] at time of termination is recorded).

Claim 5 recites, as disclosed by Hanson:

5. A method according to Claim 1 further comprising: transforming the location of the terminal to thereby define the terminal in a predetermined manner, and thereafter presenting the location of the terminal in the predetermined manner ('203, fig. 3, and col. 3, line 53).

Claim 6 recites, as disclosed by Hanson:

6. A method according to Claim 1, wherein monitoring the terminal for establishment of a defined connection comprises monitoring the terminal for establishment of a defined connection such that establishment of the defined connection triggers obtaining a location of the terminal ('203, col. 3, line 53).

Claim 7 recites, as disclosed by Hanson:

7. A system comprising: a terminal capable of establishing, and thereafter terminating, at least one defined connection, wherein the terminal is capable of being triggered to obtain a location of the terminal upon termination of a defined connection ('203, 3); and a location provider capable of determining the location of the terminal upon termination of the defined connection, and thereafter providing the location to the terminal ('203, 1-2).

Claim 8 recites, as disclosed by Hanson:

8. A system according to Claim 7, wherein the terminal is capable of establishing, and thereafter terminating, at least one defined communication connection between the terminal and a predefined entity ('203, fig. 1, 3 connected to 1-2).

Claim 9 recites, as disclosed by Hanson:

9. A system according to Claim 7, wherein the terminal is capable of establishing, and thereafter terminating, at least one defined logical

connection each of which includes a context specifying termination of the respective logical connection, and wherein the terminal is capable of monitoring the terminal for termination of the defined connection by monitoring the terminal for the context specifying termination of the respective logical connection ('203, col. 1, line 55 – col. 2, line 35, termination or communication in a cell [context] causes recording or which cell [context] the terminal was active in).

Claim 10 recites, as disclosed by Hanson:

10. A system according to Claim 9, wherein the terminal can determine the context specifying termination of the respective logical connection based upon information indicative of the context, and wherein the terminal is capable of monitoring the terminal for termination of the defined connection by monitoring for the information indicative of the context ('203, col. 1, line 55 – col. 2, line 35, active cell [indicative of context context] at time of termination is recorded).

Claim 11 recites, as disclosed by Hanson:

11. A system according to Claim 8 further comprising: a mapping processor capable of communicating with the location provider to transform the location of the terminal to thereby define the terminal in a predetermined manner such that the location of the terminal can be presented in the predetermined manner ('203, fig. 3, and col. 3, line 53).

Claim 12 recites, as disclosed by Hanson:

12. A system according to Claim 7, wherein the terminal is capable of being triggered to obtain a location of the terminal upon establishment of a defined connection ('203, col. 3, line 53).

Claim 13 recites, as disclosed by Hanson:

13. A terminal comprising: a controller capable of establishing, and thereafter terminating, at least one defined connection, wherein the controller is capable of monitoring the terminal for establishment of a defined connection, and for subsequent termination of the defined connection, and wherein the controller is capable of being triggered to obtain a location of the terminal upon termination of the defined connection (203, 1-3).

Claim 14 recites, as disclosed by Hanson:

14. A terminal according to Claim 13, wherein the controller is capable of establishing, and thereafter terminating, at least one defined communication connection between the terminal and a predefined entity ('203, fig. 1, 3 connected to 1-2).

Claim 15 recites, as disclosed by Hanson:

15. A terminal according to Claim 13, wherein the controller is capable of establishing, and thereafter terminating, at least one defined logical connection each of which includes a context specifying termination of the respective logical connection, and wherein the controller is capable of monitoring the terminal for termination of the defined connection by

monitoring the terminal for the context specifying termination of the respective logical connection ('203, col. 1, line 55 – col. 2, line 35, termination or communication in a cell [context] causes recording or which cell [context] the terminal was active in).

Claim 16 recites, as disclosed by Hanson:

16. A terminal according to Claim 15, wherein the controller can determine the context specifying termination of the respective logical connection based upon information indicative of the context, and wherein the controller is capable of monitoring the terminal for termination of the defined connection by monitoring for the information indicative of the context ('203, col. 1, line 55 – col. 2, line 35, active cell [indicative of context context] at time of termination is recorded).

Claim 18 recites, as disclosed by Hanson:

18. A terminal according to Claim 13, wherein the controller is capable of being triggered to obtain a location of the terminal upon establishment of the defined connection ('203, col. 3, line 53).

Claim 19 recites, as disclosed by Hanson:

19. A computer program product for obtaining a terminal location, the computer program product comprising a computer-readable storage medium having computer-readable program code portions stored therein, the computer-readable program code portions comprising: a first executable portion for receiving at least one defined connection of the

terminal ('203, col. 2, line 54); a second executable portion for monitoring the terminal for establishment of a defined connection ('203, fig. 1, 3 monitored by 1-2); a third executable portion for monitoring the terminal for termination of the defined connection after the defined connection is established such that termination of the defined connection triggers obtaining a location of the terminal ('203, col. 2, line 10).

Claim 20 recites, as disclosed by Hanson:

20. A computer program product according to Claim 19, wherein the first executable portion is adapted to receive at least one defined communication connection between the terminal and a predefined entity ('203, fig. 1, 3 connected to 1-2).

Claim 21 recites, as disclosed by Hanson:

21. A computer program product according to Claim 19, wherein the first executable portion is adapted to receive at least one defined logical connection each of which includes a context specifying termination of the respective logical connection, and wherein the third executable portion is adapted to monitor the terminal for the context specifying termination of the respective logical connection ('203, col. 1, line 55 – col. 2, line 35, termination or communication in a cell [context] causes recording or which cell [context] the terminal was active in).

Claim 22 recites, as disclosed by Hanson:

22. A computer program product according to Claim 21, wherein the context specifying termination of the respective logical connection can be determined based upon information indicative of the context, and wherein the third executable portion is adapted to monitor for the information indicative of the context ('203, col. 1, line 55 – col. 2, line 35, active cell [indicative of context context] at time of termination is recorded).

Claim 23 recites, as disclosed by Hanson:

23. A computer program product according to Claim 19 further comprising:
a fourth
executable portion for transforming the location of the terminal to thereby define the terminal in a predetermined manner such that the location of the terminal can thereafter be presented in the predetermined manner ('203, fig. 3, and col. 3, line 53).

Claim 24 recites, as disclosed by Hanson:

24. A computer program product according to Claim 19, wherein the second executable portion is adapted to monitor the terminal for establishment of a defined connection such that establishment of the defined connection triggers obtaining a location of the terminal ('203, col. 3, line 53).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 6,035,203 to Hanson in view of Patent Application Publication US 2003/0060215 to Graham.

The claim recites, as disclosed by Hanson.

a controller capable of establishing, and thereafter terminating, at least one defined connection, wherein the controller is capable of monitoring the terminal for establishment of a defined connection, and for subsequent termination of the defined connection, and wherein the controller is capable of being triggered to obtain a location of the terminal upon termination of the defined connection and wherein the controller is capable of receiving the location of the terminal transformed to thereby define the terminal in a predetermined manner, (203, 1-3).

Hanson does not disclose a display.

The claim further recites, as disclosed by Graham:

a display capable of presenting the location of the terminal in the predetermined manner ('215, fig, 5).

Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the display of Graham with the invention of Hanson to allow the user of a wireless phone to know the position of other users ('215, par. 5)

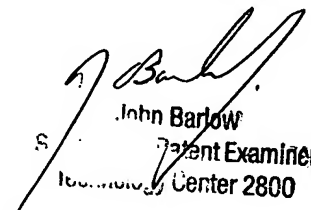
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen J. Cherry whose telephone number is (571) 272-2272. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on (571) 272-2269. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SJC


John Barlow
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